| <br> | <br>laims |  |
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|      |           |  |

| Application N        | Applicant(s) |
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| 09/823,085           | CONG ET AL.  |
| Examiner             | Art Unit     |
| Kandasamy Thangavelu | 2123         |

| √ , | R j cted |
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| =   | Allowed  |

| _ | (Through numeral)<br>Canc lied |
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| ÷ | Restricted                     |

| N | N n-El cted  | A |  |
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| A | Appeal   |
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| C | Objected |

|       |  | _                               |          |          |          | _        | ,            |          | _            |               |
|-------|--|---------------------------------|----------|----------|----------|----------|--------------|----------|--------------|---------------|
| Cla   | aim                                    | Date                            |          |          |          |          |              |          |              |               |
| Final | Original                               | 1/14/04                         |          |          |          |          |              |          |              |               |
|       | 1                                      | √                               |          |          |          | -        |              |          |              | П             |
|       | 1<br>2<br>3<br>4<br>5<br>6             | V                               |          |          | Г        |          |              | Г        |              |               |
|       | 3                                      | ✓                               |          |          |          |          |              |          |              | П             |
|       | 4                                      | 0                               |          |          |          |          |              |          |              |               |
|       | 5                                      | 0                               |          |          |          | L        |              |          |              |               |
|       |  | =                               | L        | _        |          |          |              |          | Ļ            | Щ             |
|       | 7                                      | √<br>√<br>0<br>0<br>=<br>√<br>= | L        |          |          | <u> </u> | _            |          |              |               |
|       | 8                                      | =                               | _        | <u> </u> | _        | _        |              | <u> </u> | <u> </u>     | Ш             |
|       | 40                                     | <u> </u>                        | ⊢        | <u> </u> | <u> </u> |          | <u> </u>     | <u> </u> | <del> </del> | Н             |
|       | 10                                     | =                               | ┝        | _        | _        | _        | <u> </u>     | _        | -            | Н             |
|       | 12                                     | \<br>/                          | ┝        | $\vdash$ | H        | <u> </u> | <del> </del> | -        | <del> </del> | Н             |
|       | 10<br>11<br>12<br>13<br>14<br>15<br>16 | √<br>=<br>√<br>√                | $\vdash$ | $\vdash$ | $\vdash$ | <u> </u> | $\vdash$     | $\vdash$ | $\vdash$     | Н             |
|       | 14                                     | ١./                             | $\vdash$ | $\vdash$ | <u> </u> | <u> </u> |              | $\vdash$ | $\vdash$     | Н             |
|       | 15                                     | ŏ                               | H        | H        | $\vdash$ | _        | <del> </del> | -        | $\vdash$     | Н             |
|       | 16                                     |                                 |          |          |          | _        | -            |          | $\vdash$     | Н             |
|       | 17                                     | 0                               | ┢        |          | $\vdash$ |          | <u> </u>     |          |              | Н             |
|       | 18                                     | ō                               |          |          |          |          |              |          |              | П             |
|       | 18<br>19                               | 0                               |          |          |          |          |              |          |              | П             |
|       | 20                                     | √                               |          |          |          |          |              |          |              |               |
|       | 20<br>21<br>22<br>23<br>24<br>25       | =                               |          |          |          |          |              |          |              |               |
|       | 22                                     | <b>√</b>                        |          |          |          |          |              |          |              |               |
|       | 23                                     | √                               |          |          |          |          |              |          |              |               |
|       | 24                                     | ✓                               |          |          |          |          | <u> </u>     |          | <u> </u>     | Щ             |
|       | 25                                     | ✓                               |          |          | _        |          | _            |          | <u> </u>     | Ш             |
|       | 26<br>27                               | 1                               |          |          |          | _        | <u> </u>     | ļ        |              |               |
|       | 27                                     |                                 | -        | _        | _        | _        | <u> </u>     | ļ        | ļ            | Н             |
|       | 28                                     | \<br>/                          |          | _        |          | <u> </u> | <u> </u>     | _        | <u> </u>     | Н             |
|       | 29<br>30                               | \<br>/                          | -        | -        | _        |          | <del> </del> | _        | <u> </u>     | Н             |
|       | 31                                     | ·/                              | $\vdash$ | -        | -        | _        | -            |          | -            | Н             |
|       | 32                                     | .7                              | H        | _        | -        | -        | <del> </del> | $\vdash$ |              | Н             |
|       | 33                                     | 1                               |          | -        |          |          | -            |          | $\vdash$     | Н             |
|       | 34                                     | Ť                               |          |          |          | -        |              | -        | $\vdash$     | Н             |
|       | 35                                     | _                               | _        | _        |          | _        |              | <u> </u> |              | H             |
|       | 36                                     |                                 |          |          |          |          |              |          |              | Н             |
|       | 37                                     |                                 |          |          |          |          |              |          |              | П             |
|       | 38                                     |                                 |          |          |          |          |              |          |              | П             |
|       | 39                                     |                                 |          |          |          |          |              |          |              |               |
|       | 40                                     |                                 |          |          |          |          |              |          |              |               |
|       | 41                                     |                                 | _        |          |          |          | <u> </u>     | <u> </u> |              | Щ             |
|       | 42                                     | ļ.,                             | L.       | _        |          | _        |              | _        | _            | Щ             |
|       | 43                                     | <u> </u>                        | <u> </u> | $\vdash$ | -        |          |              | _        | $\vdash$     | Щ             |
|       | 44                                     | <u> </u>                        | <u> </u> | <u> </u> |          | L        | <u> </u>     | <u> </u> | <u> </u>     | $\square$     |
|       | 45                                     | ├—                              | $\vdash$ | $\vdash$ | $\vdash$ | <u> </u> | <u> </u>     | _        | _            | Ш             |
|       | 46<br>47                               | $\vdash$                        | $\vdash$ | $\vdash$ | $\vdash$ |          |              |          | ⊢            | Н             |
|       | 48                                     | H                               | $\vdash$ | $\vdash$ | <u> </u> | $\vdash$ | _            | $\vdash$ | $\vdash$     | Н             |
|       | 49                                     | $\vdash$                        | -        |          |          |          |              |          | <u> </u>     | $\vdash$      |
|       | 50                                     | -                               | _        |          | -        |          |              | $\vdash$ | $\vdash$     | ${\mathbb H}$ |

| Cla      | im_            | Γ            |          |              | 1  | Date         |  |          |              |          |
|----------|----------------|--------------|----------|--------------|--|--------------|--|----------|--------------|----------|
|          |                |              |          |              |  |              | Ť  | T        |              |          |
| <u></u>  | Original       |              |          |              |  |              |  |          |              |          |
| Final    | ij             |              | İ        |              |  |              |  |          |              |          |
| "        | ō              |              |          |              |  |              |  |          |              |          |
| <u> </u> |                | -            |          | $\vdash$     |  | $\vdash$     | H  | _        | ├—           |          |
|          | 51             | <u> </u>     | _        | L            |  | <u> </u>     | _  |          | ┞            | -        |
| <u></u>  | 51<br>52<br>53 | <u> </u>     | <u> </u> |              |  | L.           | <u> </u>   | _        | <u> </u>     | _        |
|          | 53             |              | _        | <u> </u>     | _  |              | <u> </u>   | <u> </u> | <u> </u>     | _        |
|          | 54<br>55       |              |          |              |  |              | <u> </u>   |          | <u> </u>     | _        |
|          | 55             |              |          |              |  |              | L  | L_       |              | _        |
|          | 56             |              |          |              |  |              |  |          | L            |          |
|          | 57<br>58       |              |          |              |  |              |  |          |              |          |
|          | 58             |              |          |              |  |              |  |          |              |          |
|          | 59<br>60       |              |          |              |  |              |  |          |              |          |
|          | 60             |              |          |              |  |              |  |          |              |          |
|          | 61             |              |          |              |  |              |  |          |              |          |
|          | 62             |              |          |              |  |              |  |          |              |          |
|          | 63             |              |          | Γ            |  |              | Г  |          | Ī            | $\Box$   |
|          | 64             |              |          | Г            |  |              | _  | _        | <u> </u>     | $\vdash$ |
|          | 65             |              | $\vdash$ | $\vdash$     | $\vdash$   |              | $\vdash$   | <u> </u> | $\vdash$     | $\vdash$ |
| <b>—</b> | 65<br>66       | _            | $\vdash$ |              | $\vdash$   | _            |  |          | $\vdash$     | $\vdash$ |
| -        | 67             | $\vdash$     | $\vdash$ | $\vdash$     | <del>                                     </del> | <u> </u>     | <del>                                     </del> |          | $\vdash$     | $\vdash$ |
|          | 68             | $\vdash$     |          | $\vdash$     |  | -            |  | -        | ┝            | -        |
| -        | 68<br>69       | <del> </del> | $\vdash$ | ⊢            |  | -            | -  | -        | ┝            | _        |
| <b> </b> | 70             | <u> </u>     |          | -            |  | -            | _  |          |              |          |
|          | 70             |              | -        | H            | _  | _            |  | _        | $\vdash$     | _        |
|          | 71<br>72       | <u> </u>     | _        | <u> </u>     |  | <u> </u>     | -  | _        | ├-           |          |
|          | 72             | <u> </u>     |          | <u> </u>     |  | _            | <u> </u>   | <u> </u> | ļ            | _        |
| <u></u>  | 73<br>74<br>75 | _            | _        | L            |  | _            | _  | <u> </u> | L.           |          |
|          | 74             | ļ            | _        | L            |  |              | <u> </u>   | _        | _            |          |
|          | 75             | <u> </u>     | _        | _            | _  | _            |  | L        |              |          |
|          | 76<br>77       |              |          |              |  | _            | L  |          |              |          |
|          | 77             |              | <u> </u> |              |  | L            | L  | L        | L            |          |
| L        | 78             |              |          |              |  |              |  |          |              |          |
|          | 79             | L.           |          |              |  |              |  |          |              |          |
|          | 80             |              |          |              |  |              |  |          |              |          |
|          | 81             |              |          |              |  |              |  |          |              |          |
|          | 82             |              |          |              |  |              |  |          |              |          |
|          | 83             |              |          |              |  |              |  |          |              |          |
|          | 84             |              |          |              |  | Г            | $\vdash$   |          |              | _        |
|          | 85             | Г            |          | Г            | Т  |              |  |          | $\vdash$     | $\Box$   |
|          | 86             | $\vdash$     |          | $\vdash$     |  |              | $\vdash$   | <u> </u> |              | <u> </u> |
| <b></b>  | 87             | $\vdash$     | $\vdash$ | _            | $\vdash$   |              |  | $\vdash$ | <del> </del> | $\vdash$ |
| <b></b>  | 88             | Н            |          |              | -  | <u> </u>     | <del>                                     </del> | $\vdash$ | $\vdash$     |          |
|          | 89             | $\vdash$     | $\vdash$ | $\vdash$     | $\vdash$   | <del> </del> | $\vdash$   | $\vdash$ |              | $\vdash$ |
| -        | 90             | $\vdash$     | $\vdash$ | $\vdash$     | $\vdash$   | <del> </del> | -  | $\vdash$ |              | $\vdash$ |
| $\vdash$ | 91             | -            | $\vdash$ | $\vdash$     |  | $\vdash$     | $\vdash$   | $\vdash$ | <del> </del> |          |
|          |                | <del> </del> | ├        | -            | $\vdash$   | $\vdash$     | ├—   | <u> </u> | $\vdash$     | $\vdash$ |
|          | 92             | <u></u>      | <u> </u> | -            | <b>.</b>   | -            |  | <u> </u> | <u> </u>     | ├        |
| -        | 93             | <u> </u>     | <u> </u> | <b> </b>     | <u> </u>   | <u> </u>     | <u> </u>   | <u> </u> | <u> </u>     | <u> </u> |
| <u> </u> | 94             | <u> </u>     | <u> </u> | $\vdash$     | <u> </u>   | <u> </u>     | <u> </u>   | H        | <u> </u>     | <u> </u> |
|          | 95             | L            | _        | $oxed{oxed}$ | <u> </u>   |              | <u> </u>   | _        | <u> </u>     | <u> </u> |
| <u></u>  | 96             |              | <u> </u> | Щ            | L_   | <u> </u>     | L  | L        | <u> </u>     | _        |
| <u></u>  | 97             | <u> </u>     |          | <u> </u>     |  | L_           |  |          |              |          |
|          | 98             |              |          |              |  |              |  |          |              |          |
| L        | 99             |              |          |              |  | L            |  |          |              |          |
|          | 100            |              |          |              |  | _            |  |          |              |          |

| Cla   | aim               | Date         |          |          |          |              |              |          |  |                 |
|-------|-------------------|--------------|----------|----------|----------|--------------|--------------|----------|--|-----------------|
| Final | Original          |              |          |          |          |              |              |          |  |                 |
|       | 101<br>102<br>103 |              |          |          |          |              |              |          |  | П               |
|       | 102               |              |          |          |          |              |              |          |  |                 |
|       | 103               |              |          |          |          |              |              |          |  |                 |
|       | 104<br>105<br>106 |              |          |          |          |              |              |          |  | Ц               |
|       | 105               | <u> </u>     |          | _        | <u> </u> | <u> </u>     | _            | L        | <u> </u>   | Ш               |
|       | 106               | <u> </u>     |          |          |          | _            |              | L.       | _  | Щ               |
|       | 107<br>108        |              |          | -        | ┝        | ┝            | _            | <u> </u> | <u> </u>   | Н               |
|       | 109               | $\vdash$     |          |          | -        | ├            | ├            | ⊢        | $\vdash$   | $\vdash$        |
|       | 110               | <del> </del> |          | -        | -        | $\vdash$     | ┝            | H        | $\vdash$   | Н               |
|       | 111               | $\vdash$     |          | -        | $\vdash$ | $\vdash$     | $\vdash$     | H        |  | Н               |
|       | 112               |              |          |          |          |              |              |          |  | $\vdash$        |
|       | 112<br>113        |              |          |          |          |              |              |          |  |                 |
|       | 114               |              |          |          |          |              |              |          |  |                 |
|       | 115               |              |          |          |          |              |              | $\Box$   |  | Ш               |
|       | 116               |              | _        | <u> </u> | <u> </u> |              | _            | <u> </u> |  | Щ               |
|       | 117               | <u> </u>     | <u> </u> |          | ļ        | ļ            | ļ            | _        |  | Ш               |
|       | 118<br>119        | <u> </u>     | -        | _        | <u> </u> | ļ            |              | L        |  | Щ               |
|       | 120               | <u> </u>     |          | _        | ⊢        | <del> </del> | <del> </del> |          | _  | Н               |
|       | 120               | <u> </u>     | $\vdash$ |          | ⊢        | ├            | ┝            |          | -  | Н               |
|       | 121<br>122        | -            | _        |          | -        | $\vdash$     | $\vdash$     | $\vdash$ |  | Н               |
|       | 123               | $\vdash$     | -        | $\vdash$ | $\vdash$ | -            | ┢            | $\vdash$ |  | H               |
|       | 123<br>124        |              |          |          | $\vdash$ | $\vdash$     | $\vdash$     | -        |  | П               |
|       | 125               |              |          |          |          | Г            | Г            |          |  | П               |
|       | 126               |              |          |          |          |              |              |          |  |                 |
|       | 126<br>127        |              |          |          |          |              |              |          |  |                 |
|       | 128               |              |          |          |          |              |              |          | Ĺ  | Ш               |
|       | 129<br>130<br>131 |              |          |          | <u> </u> | _            | <u> </u>     | <u></u>  |  | Ш               |
|       | 130               |              | _        |          | <u> </u> | _            | <u> </u>     | <u> </u> | L  | Ш               |
|       | 131               |              |          | _        | <u> </u> | <del> </del> | <u> </u>     | L        |  | $\vdash$        |
|       | 132<br>133        |              |          |          | H        | ┝            | ┝            | _        | ├  | $\vdash$        |
|       | 134               | -            |          | -        | -        | $\vdash$     | <del> </del> | -        | $\vdash$   | $\vdash \vdash$ |
|       | 135               | <u> </u>     |          |          |          | ┢            | -            | ┢        | <del> </del>                                     | Н               |
|       | 136               |              | _        | <u> </u> |          | Н            | Т            |          | Г  | H               |
|       | 137               |              |          |          |          |              |              |          |  |                 |
|       | 138               |              |          |          |          |              |              |          |  |                 |
|       | 139               |              |          |          |          |              |              |          |  |                 |
|       | 140               |              |          |          | Ĺ        | <u> </u>     |              | L        | <u> </u>   | Ш               |
|       | 141               | <u> </u>     | L.       | <u> </u> | <u> </u> | <u>L</u>     | <u> </u>     | <u> </u> | $ldsymbol{ldsymbol{ldsymbol{eta}}}$              | $\sqcup$        |
| -     | 142               | L            |          | <u> </u> | <u> </u> | _            | <u> </u>     | ļ        | <u> </u>   | $\vdash \dashv$ |
|       | 143               | <u> </u>     |          | <u> </u> | -        | <u> </u>     | $\vdash$     | $\vdash$ | $\vdash$   | $\vdash \vdash$ |
|       | 144<br>145        | <u> </u>     | -        | -        | -        | -            | -            |          | -  | $\vdash \dashv$ |
|       | 146               | $\vdash$     | _        | -        | -        | ┝            | $\vdash$     | $\vdash$ | $\vdash$   | $\vdash \dashv$ |
|       | 147               | $\vdash$     |          | <u> </u> | $\vdash$ | -            | $\vdash$     | ⊢        | <del>                                     </del> | $\vdash \vdash$ |
|       | 148               | $\vdash$     |          |          | -        | $\vdash$     | $\vdash$     | $\vdash$ | $\vdash$   | $\vdash \dashv$ |
|       | 149               | $\vdash$     |          |          | Г        | Г            |              | $\vdash$ | $\vdash$   | $\vdash$        |
|       | 150               |              |          |          | Г        |              | Г            | Г        |  | Н               |
|       |                   |              |          |          |          |              |              |          |  |                 |